EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S91	25	gan with pit with (ingan or gainn or ganin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 15:12
S90	15	gan with pit with interface	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 14:50
S89	25	("20020093020" | "20030006418" | "4866005" | "4918497" | "5027168" | "5393993" | "5523589" | "5585648" | "5661074" | "5874747" | "5939732" | "6051849" | "6177168" | "6210987" | "6306675" | "RE34861"). PN. OR ("6664560"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:43
S88	16	("20020084452" | "20030001161" | "20030006418" | "20030016863" | "20030123164" | "5393993" | "5523589" | "6015979" | "6121634" | "6201262" | "6329667" | "6459100" | "6664560" | "6693303" | "6734003" | "6740906"). PN. OR ("7446345"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:32
S87	15	super$lattice with (ingan or gan) same pit	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:23
S86	2	super$lattice with (ingan or gan) with pit	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:22
S85	1	super$lattice with ingan with gan with pit	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/27 14:22
S84	27	\1063711	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 10:37

S83	0	ep1063711	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/19 10:37
S82	0	ep1063711	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/19 10:37
S81	5	(band near2 yellow near2 intensity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:34
S80	1	(band near2 yellow near2 intensity)with ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:34
S79	4	(band near2 yellow) and (intensity near2 (gan or (gallium near2 nitride))) and ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:30
S78	1	(intensity near2 yellow) and (intensity near2 (gan or (gallium near2 nitride))) and ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S77	1	(intensity near2 yellow) same (intensity near2 (gan or (gallium near2 nitride))) same ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S76	1835561	(intensity near2 yellow) same (intensity near2 (gan or (gallium near2 nitride))) samee ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S75	1835620	(intensity near2 yellow) same (intensity near2 (gan or (gallium near2 nitride))) samer ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:29
S74	1	(intensity near2 yellow) with (intensity near2 (gan or (gallium near2 nitride))) with ratio	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:28
S73	8	S66 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:23
S72	12	S65 and S71	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:20
S71	52	pit with density with cm	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:19
S70	16	S69 and S65	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S69	16	S66 and S67	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S68	0	S66 same S67	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02

S67	6250	super$lattice	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S66	124	((hex or hexagon or hexagonal) near2 pit)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:02
S65	186489	(In$$Ga$$N or Ga$$In $N or InGaN or GaInN (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/05 14:01
S64	29	S62 and S63	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37
S63	9041	blue near2 LED	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37
S62	171	S57 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37
S61	387	S54 with super$lattice	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:37
S60	5	S55 and S57	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:30
S59	10	S55 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:29
S57	1458	S54 with active with (mwq or quantum)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:29
S56	6365	S54 with active	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:29
S55	10	(esd or (electro$static near discharg$3)) with super$lattice	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:28
S54	173506	(InGaN or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 18:28
S53	16	("5650198").PN. OR ("6017774").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 17:21
S52	12	("5274251" | "5476811" | "5559058" | "5592501" | "5646953" | "5670798" | "5859864" | "5902393" | "5995527" | "6072189" | "6156581"). PN. OR ("6309459"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 17:20
S51	45	(temperature with In with content) same In gan	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 16:22
S50	2	("6657300").PN. OR ("6872986").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:32
S49	78	S46 and S47 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:12

S48	22521	esd or (electro$static near discharg$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:12
S47	173506	(InGaN or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 15:11
S46	9041	blue near2 LED	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/04 14:53
S45	47	257/631.ccls. and nitride	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:27
S44	31	("5146465" | "5291507" | "5656832" | "5777350" | "5834331" | "5900650" | "6111277" | "6118801" | "6147364" | "6153894" | "6281522"). PN. OR ("6337493"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:21
S43	387	S40 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:13
S42	1983	(In$$Ga$$N or Ga$$In $N or InGaN or GaInN) same (mqw or (multi$3 adj layer) or multi$layer) S40 and S41	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:13
S41	1983	(In$$Ga$$N or Ga$$In $N or InGaN or GaInN) same (mqw or (multi$3 adj layer) or multi $layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:10
S33	531	(In$$Ga$$N or Ga$$In $N or InGaN or GaInN) same (mqw or (multi$3 adj layer) or multi $layer) same (((n adj type) or n$type) near3 (GaN or (gallium nitride)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:05
S40	3840	257/13,14,103,e33.008, e33.023,e33.025.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:04
S39	2	("20050263779" | "20060076574").PN. OR ("7180096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 08:32
S38	5	yellow near2 band near2 intensity	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 13:47
S20	167	S17 same (ingan or (MQW or layer or multi $layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 13:47
S37	1	"7193246"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 09:43

S36	25	S33 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:53
S35	706	(dislocat$4 or defect or imperfect$5 or pits) with hexagonal	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:53
S34	29	S33 same (dislocat$4 or defect or imperfect$5 or pits or hexagonal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:52
S24	177615	(In$$Ga$$N or Ga$$In $N or InGaN or GaInN)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:25
S32	174	S31 and mqw	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:14
S29	243	S27 and mqw	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:14
S31	559	S24 same S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S30	59330	((alternat$4 or varying or rais$3 or lower$3 or chang$3) with temperature) with layer	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S28	718	S26 and mqw	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S27	1074	S24 same S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S25	139947	((alternat$4 or varying or rais$3 or lower$3 or chang$3) with temperature) same layer	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:13
S26	7579	S24 and S25	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 13:12
S23	11	"6370176"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 17:03
S22	166	S17 same (MQW or layer or multi$layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:56
S21	3	S17 same (ingan and (MQW or layer or multi $layer))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:56
S19	1	S17 same S18	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:49
S18	3688	ingan with (MQW or layer or multi$layer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:49
S17	662	hexagonal with (pit or dislocation or defect)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:47

S16	7	("5585648" | "5751013" | "5793054" | "5959307" | "6072197" | "6078064" | "6285696").PN. OR ("6670647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/21 16:47
S15	7	("5585648" | "5751013" | "5793054" | "5959307" | "6072197" | "6078064" | "6285696").PN. OR ("6670647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 15:02
S14	18	("5777350" | "5889806" | "5903017" | "5923690" | "5932896" | "5987048" | "6120909" | "6121639").PN. OR ("6285696").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 12:54
S13	29	("5278435" | "5290393" | "5693963").PN. OR ("5903017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/24 11:30
S12	604	S11 and (MQW or (quantum adj well)) and (lattice or superlattice or (super adj lattice))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34
S11	1081	S7 and (InGaN or GaInN or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34
S10	680	S9 and (MQW or (quantum adj well)) and (lattice or superlattice or (super adj lattice))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34
S9	1230	S7 and (In$$Ga$$N or Ga$$In$N or InGaN or GaInN or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:34
S8	1230	S7 and (In$$Ga$$N or Ga$$In$N or (indium near2 gallium near2 nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:27
S7	1813	S6 and (LED or (light adj emit$4 adj (device or diode)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:26
S6	1984	257/e33.008,e33.023, e33.025,e33.027, e33.028,e33.03.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:26
S3	1371	S2 and (GaN or (gallium adj nitride))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 17:25
S5	74	("5146465" | "5306662").PN. OR ("6172382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 10:15

S4	36	S3 and (esd or (electr$4 adj static adj discharg $4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 10:00
S2	1813	S1 and (LED or (light adj emit$4 adj (device or diode)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 09:58
S1	1984	257/e33.008,e33.023, e33.025,e33.027, e33.028,e33.03.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/23 09:57

11/17/2009 6:18:23 PM
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